

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-314795

(43)Date of publication of application : 05.11.1992

(51)Int.Cl.

C10M163/00
//(C10M163/00
C10M137:06
C10M133:44
C10M159:24
C10M125:10)
(C10M163/00
C10M137:06
C10M133:44
C10M159:24
C10M125:10
C10M129:74)
C10N 20:02
C10N 20:06
C10N 30:00
C10N 30:06
C10N 30:12
C10N 40:24

(21)Application number : 03-108818

(71)Applicant : SHOWA SHELL SEKIYU KK
KAWASAKI STEEL CORP

(22)Date of filing : 12.04.1991

(72)Inventor : IKAI TORU
NAGAYAMA SHINGO
HASHIMOTO HIROSHI
HIRA TAKAAKI

(54) RUST-PREVENTIVE PRESS OIL

(57)Abstract:

PURPOSE: To provide a rust-preventive press oil for surface-treated steel sheets which suffices when it is applied once on delivery as rust-preventive oil to a surface-treated steel sheet and excels in cleaning and degreasing performances in pretreatment before coating.

CONSTITUTION: A base oil is mixed with 1-5 pts.wt. pressability improving aid selected from the group consisting of alkali metal salts of alkyl acidic phosphates and alkaline earth metal salts of alkyl acidic phosphates, 0.01-1 pt.wt. oil stain preventive selected from the group consisting of an alkyl-benzotriazole and an arylbenzotriazole, 5-50 pts.wt. rust preventive selected from the group consisting of alkali metal salts of overbased alkylsulfonic acids and alkaline earth metal salts of overbased alkylsulfonic acids and 1-10 pts.wt. solid lubricant selected from the group consisting of alkali metal carbonates and oxides and alkaline earth metal carbonates and oxides mainly consisting of 1μm or smaller particles, and the viscosity (at 40° C) of the obtained mixture is adjusted to 5-40cSt.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or
application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision
of rejection]
[Date of requesting appeal against examiner's
decision of rejection]
[Date of extinction of right]

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